

## Notes:

\*EXISTING CONDITION refers to a present characterization of the fish community based on Fluvial Fish Relative Abundance (FFRA) as impacted by groundwater withdrawals and discharges (exclusive of surface water withdrawals). The conceptual framework offered here employs an adaptive management approach to integrate new data as it becomes available along with monitoring and re-evaluation as we move forward.

Stream Flow Criteria allows for balancing multiple uses at the same location based on applicable use determination and priorities.

- 1 Ecology (ecological health as defined by FFRA is an underlying statewide default position for reasonable protection of fish and wildlife as informed by Biological Alteration Stream Category.
  - Stream Categories 1 & 2 may be considered a geographic-specific small basin Ecology priority use.
  - Coldwater Fisheries may be considered a geographic-specific stream segment Ecology priority use.
- 2 Water Supply Use, particularly, public water supply drinking water use, is determined by basin characteristics (ex. aquifers) and human uses, i.e. existing & future water supply (Water Supply Metric).
- 3 Other Water Uses (economic development, wastewater assimilation capacity, navigation, hydropower, water-based recreation, other interests, etc.) are determined by statutory requirements and community needs.
- 4 Policy, Regulations and Incentive Programs refer to related statutes, regulations and overall constructs whose programs may be affected by the new stream flow data and criteria.
- 5 Offsets include the whole range of Best Management Practices and Low Impact Development measures.

This summary is offered for discussion purposes only and does not necessarily represent current statute, regulation, or policy positions of the Commonwealth of Massachusetts unless specifically acknowledged. This summary is not to be cited as a reference. Its purpose is to foster open and broad discussion of the issues of sustainable water management as well as help assure public awareness of the discussions as of the date of the presentation.